
Subject: [PATCH 2.6.25] Remove ip_fib_local_table and ip_fib_main_table defines
Posted by [den](#) on Thu, 06 Dec 2007 14:57:38 GMT

[View Forum Message](#) <> [Reply to Message](#)

From: Eric W. Biederman <ebiederm@xmission.com>

There are only 2 users and it doesn't hurt to call fib_get_table instead, and it makes it easier to make the fib network namespace aware.

Signed-off-by: Eric W. Biederman <ebiederm@xmission.com>

Signed-off-by: Denis V. Lunev <den@openvz.org>

```
include/net/ip_fib.h | 3 ---
net/ipv4/fib_hash.c | 5 +++--
2 files changed, 3 insertions(+), 5 deletions(-)
```

```
diff --git a/include/net/ip_fib.h b/include/net/ip_fib.h
```

```
index ed514bf..690fb4d 100644
```

```
--- a/include/net/ip_fib.h
```

```
+++ b/include/net/ip_fib.h
```

```
@@ -191,9 +191,6 @@ extern void __init fib4_rules_init(void);
```

```
extern u32 fib_rules_tclass(struct fib_result *res);
```

```
#endif
```

```
+#define ip_fib_local_table fib_get_table(RT_TABLE_LOCAL)
```

```
+#define ip_fib_main_table fib_get_table(RT_TABLE_MAIN)
```

```
-
```

```
extern int fib_lookup(struct flowi *flp, struct fib_result *res);
```

```
extern struct fib_table *fib_new_table(u32 id);
```

```
diff --git a/net/ipv4/fib_hash.c b/net/ipv4/fib_hash.c
```

```
index 9d0cee2..30ff657 100644
```

```
--- a/net/ipv4/fib_hash.c
```

```
+++ b/net/ipv4/fib_hash.c
```

```
@@ -810,7 +810,8 @@ struct fib_iter_state {
```

```
static struct fib_alias *fib_get_first(struct seq_file *seq)
```

```
{
```

```
struct fib_iter_state *iter = seq->private;
```

```
- struct fn_hash *table = (struct fn_hash *) ip_fib_main_table->tb_data;
```

```
+ struct fib_table *main_table = fib_get_table(RT_TABLE_MAIN);
```

```
+ struct fn_hash *table = (struct fn_hash *)main_table->tb_data;
```

```
iter->bucket = 0;
```

```
iter->hash_head = NULL;
```

```
@@ -949,7 +950,7 @@ static void *fib_seq_start(struct seq_file *seq, loff_t *pos)
```

```
void *v = NULL;
```

```
    read_lock(&fib_hash_lock);
- if (ip_fib_main_table)
+ if (fib_get_table(RT_TABLE_MAIN))
    v = *pos ? fib_get_idx(seq, *pos - 1) : SEQ_START_TOKEN;
    return v;
}
--
1.5.3.rc5
```

Subject: Re: [PATCH 2.6.25] Remove ip_fib_local_table and ip_fib_main_table defines

Posted by [davem](#) on Fri, 07 Dec 2007 08:46:21 GMT

[View Forum Message](#) <> [Reply to Message](#)

From: "Denis V. Lunev" <den@openvz.org>

Date: Thu, 6 Dec 2007 17:58:25 +0300

> From: Eric W. Biederman <ebiederm@xmission.com>

>

> There are only 2 users and it doesn't hurt to call fib_get_table

> instead, and it makes it easier to make the fib network namespace

> aware.

>

> Signed-off-by: Eric W. Biederman <ebiederm@xmission.com>

> Signed-off-by: Denis V. Lunev <den@openvz.org>

Applied, thanks.
